

ABSTRACT

Three new safe pharmaceutical compositions in accordance with the present invention are for treatment and prevention of malignant pleural effusion and increase immune function comprise Lan Xiang Xi (LX) and polysaccharide of Dang Gui.

Methods of treating and preventing cancer cells include inhibiting oncogenes, increasing activity of tumor suppressor, inducing differentiation of cancer cells, inhibiting cancer cells proliferation, inducing apoptosis of cancer cells, inhibiting growth of transplanted cancer and inhibiting cancer incidence, etc. In general, anticancer drug always decreases immune function. However, LX and LX + PDG can inhibit cancer also increase immune function at the same time. Also, LX and DG containing soybean-liposomes is safer than LX and DG.